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Copy 4 of 5.

11 April 1958

MEMORANDUM FOR RECORD

SUBJECT : Visit to Owens-Corning by Col. Gibbs, 10 April 1958

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1. I was unable to see [redacted] until next week but was invited for a 3:30 p.m. meeting with [redacted] (USAF, Ret) and [redacted] in their office at the Maistico Building, 2nd floor.

2. Results of this interview:

a. Owens Corning have not developed flake glass to the point where anything can be said about consistency of E value. Also actual physical characteristics have not been finalized over sufficient statistical sampling to know assuredly enough to use in high strength primary load carrying vehicle.

b. If given a development contract for approximately $15,000, they can give a yes or no answer within three months regarding strength, E value, and reliability of new high modulus flake glass.

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c. Owens-Corning are primarily glass producers. They use other adhesives. They have a report soon to be delivered to Wright-Patterson AFB, Government Contract No. AF 33(600)-35031, Report No. 3 (Preliminary), which covers their using of various adhesives including [redacted] adhesive.

d. Owens-Corning are still doing research and development on producing better materials for fiber glass construction but they are not getting in the adhesive business.

e. They have not designed or built any highly loaded airplane structures such as wings. They do not have engineers who are trained and familiar with calculating aircraft type of structural and stress analyses, nor are they in a position to know how to design fittings needed to carry high loadings from a fiber glass wing into a metal wing such as composite structure as we envision. They say they can and will hire such experience if we will decide to use Owens-Corning.

f. They are keenly interested in getting any development contract dealing with furthering plastics (i.e. fiber glass) as to chemical properties, methods of applying, determination of handbook formulas, and standards to be used. They invited me to their Ashland, N.I., plant at my convenience to see their development labs and work in process.

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g. I am withholding recommendations until I have learned from the Project Director the results of his discussion with [redacted] of 10 April in Boston.

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J. A. GIBBS
Deputy Project Director

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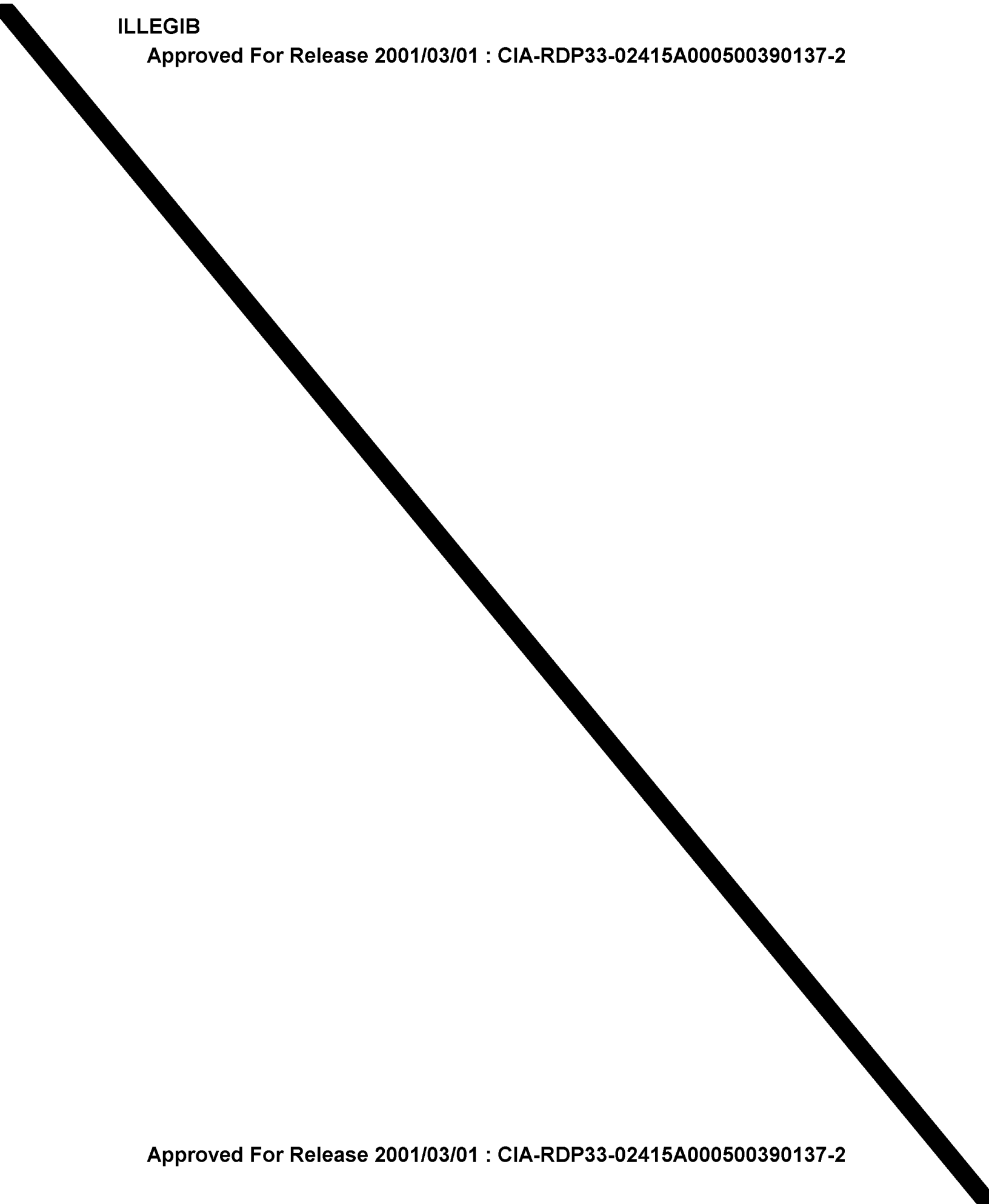

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